

Claims

The following is a copy of Applicant's claims that identifies language being added with underlining ("____") and language being deleted with strikethrough ("——"), as is applicable:

1. (Currently amended) A method for facilitating installation of ~~peripheral device~~ firmware on a printing device, the method comprising:

transmitting ~~from a computer~~ a firmware availability notification that firmware is available for installation on a printing device;

receiving with the computer a firmware download request; and

transmitting a firmware file directly to a peripheral device the printing device ~~for to enable installation of the firmware on the peripheral device~~ printing device.

2. (Currently amended) The method of claim 1, wherein transmitting a ~~firmware availability~~ notification comprises transmitting a notification ~~to the peripheral device~~ directly to the printing device.

3. (Currently amended) The method of claim 1, wherein transmitting a ~~firmware availability~~ notification comprises transmitting an email message to the user.

4. (Original) The method of claim 3, wherein transmitting an email message to a user comprises transmitting a link to a network page at which firmware download can be requested.

5. (Currently amended) The method of claim 1, wherein receiving a firmware download request comprises receiving a firmware download request transmitted to the computer by a peripheral device from the printing device.

6. (Currently amended) The method of claim 1, wherein transmitting a firmware file comprises transmitting a remote firmware update (RFU) file directly to the peripheral device printing device.

7. (Currently amended) The method of claim 1, further comprising registering ~~a peripheral device~~ the printing device with a firmware service and determining whether to transmit a ~~firmware availability~~ notification based upon information that was collected through ~~peripheral device~~ registration of the printing device.

8. (Currently amended) A system for facilitating installation of ~~peripheral device~~ firmware on a printing device, the system comprising:

means for transmitting a notification to a device indicating that new firmware is available for installation on the printing device;

means for receiving a firmware download request; and

means for transmitting a firmware file directly to ~~a peripheral device~~ the printing device.

9. (Currently amended) The system of claim 8, wherein the means for transmitting a notification comprise means for transmitting a notification directly to a ~~peripheral device~~ the printing device.

10. (Original) The system of claim 8, wherein the means for transmitting a notification comprise means for transmitting an email message to a user, the email message including a link to a network page at which firmware download can be requested.

11. (Currently amended) The system of claim 8, wherein the means for transmitting a firmware file comprise means for transmitting a remote firmware update (RFU) file directly to the ~~peripheral device~~ printing device.

12. (Currently amended) The system of claim 8, further comprising means for registering a ~~peripheral device~~ the printing device with a firmware service.

13. (Currently amended) A method for facilitating installation of firmware on a ~~peripheral device~~ printing device, the method comprising:

a ~~peripheral device~~ printing device receiving a firmware availability notification;
and

the ~~peripheral device~~ printing device providing a related notification to a user.

14. (Currently amended) The method of claim 13, wherein the ~~peripheral device~~ printing device providing a related notification to a user comprises the ~~peripheral device~~ printing device posting a notification on a network page using a network server embedded in the ~~peripheral device~~ printing device.

15. (Currently amended) The method of claim 13, wherein the ~~peripheral device~~ printing device providing a related notification to a user comprises the ~~peripheral device~~ printing device transmitting a message to a user computing device.

16. (Currently amended) The method of claim 13, wherein the ~~peripheral device~~ printing device providing a related notification to a user comprises the ~~peripheral device~~ printing device displaying a notification in a display of the printing device.

17. (Currently amended) The method of claim 13, further comprising the ~~peripheral device~~ printing device receiving a request to install available firmware.

18. (Currently amended) The method of claim 17, further comprising the ~~peripheral device~~ printing device transmitting a firmware download request to a firmware service.

19. (Currently amended) The method of claim 18, further comprising the ~~peripheral device~~ printing device receiving a firmware file and installing the firmware file on the ~~peripheral device~~ printing device.

20. (Currently amended) A system for facilitating installation of firmware on a ~~peripheral device~~ printing device, the system comprising:

means provided on a ~~peripheral device~~ printing device for receiving a notification from a firmware service that new ~~peripheral device~~ printing device firmware is available for download; and

means provided on the ~~peripheral device~~ printing device for providing a related notification to a device user.

21. (Currently amended) The system of claim 20, wherein the means for providing a related notification comprise an embedded network server of the printing device that is configured to post a notification on a network page.

22. (Currently amended) The system of claim 20, wherein the means for providing a related notification comprise means for transmitting a message from the printing device to a user computing device ~~from the peripheral device~~.

23. (Currently amended) The system of claim 20, wherein the means for providing a related notification comprise means for displaying a notification in a display of the ~~peripheral device~~ printing device.

24. (Currently amended) The system of claim 20, further comprising means for receiving and installing a firmware file on the ~~peripheral device~~ printing device.

25. (Currently amended) A computer-readable medium that contains a firmware service ~~stored on a computer-readable medium~~, the service comprising:

logic configured to transmit firmware availability notifications directly to ~~peripheral devices~~ printing devices;

logic configured to receive firmware download requests from the ~~peripheral devices~~ printing devices; and

logic configured to transmit firmware files directly to the ~~peripheral devices~~ printing devices.

26. (Currently amended) The ~~service~~ computer-readable medium of claim 25, wherein the logic configured to transmit firmware files comprises logic configured to transmit remote firmware update (RFU) files directly to the ~~peripheral devices~~ printing devices.

27. (Currently amended) The ~~service~~ computer-readable medium of claim 25, further comprising logic configured to register ~~peripheral devices~~ printing devices with the firmware service.

28. (Currently amended) The ~~service~~ computer-readable medium of claim 27, further comprising logic configured to determine whether to transmit firmware availability notifications based upon collected ~~peripheral devices~~ printing devices registration information.

29. (Currently amended) A ~~peripheral device~~ printing device, comprising:
memory including:

logic configured to directly receive firmware availability notifications that are transmitted by a firmware service via a network; and

logic configured to provide related notifications to a user.

30. (Currently amended) The printing device of claim 29, wherein the logic configured to provide related notifications comprises an embedded network server that is configured to post notifications on network pages accessible via a network browser.

31. (Currently amended) The printing device of claim 29, wherein the logic configured to provide related notifications comprises logic configured to transmit email messages to a user computing device that indicate that firmware is available for installation.

32. (Currently amended) The printing device of claim 29, further comprising a display and wherein the logic configured to provide related notifications comprises logic configured to present notifications in the display.

33. (Currently amended) The printing device of claim 29, further comprising logic configured to receive a firmware installation request and logic configured to transmit a firmware download request to the firmware service.

34. (Currently amended) The printing device of claim 33, further comprising logic configured to receive and install firmware files.